IN THE ABSTRACT:

Please amend the abstract, appearing on page 25, as follows:

ABSTRACT
PERFORMANCE ASSESSMENT OF DATA CLASSIFIERS

A method for ~~assessing the performance of~~ operating a data classifier operable to generate an element of output data in response to an element of input data, such as a neural network, is disclosed. The method includes ~~steps of~~ using the data classifier to generate elements of result output data in response to elements of test input data, generating ~~determining~~ a measure of difference between each element of test output data and each corresponding element of result output data, ~~forming a distribution function of said measures of difference and forming a measure of performance from said distribution function~~ associating the measures of difference with categories corresponding to different values of measures of difference, and, based on the number of measures of difference associated with the categories, generating a performance measure of the data classifier.

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